IN THE SPECIFICATION:

Please replace the paragraph beginning at line 89 (page 5) with the following:

In order to prevent eavesdropping in the network 100, it is advantageous that the client ~~100~~ 110 is enabled to use some form of secure communication protocol such as the Secure Sockets Layer (SSL). See A. Frier et al., "The SSL 3.0 Protocol," Netscape Communication Corp., 1996; T. Dierks et al., "The TLS Protocol," RFC 2246, Network Working Group, 1999, which are incorporated by reference herein. Client terminal 110 advantageously can otherwise be treated as "untrusted" (e.g. it can be a public terminal at an Internet café or at a hotel). In other words, the administrator of the terminal can be assumed to have complete control of all data coming and out of the machine. Although it must also be assumed that it is possible for any confidential content viewed on the terminal to be secretly recorded and copied by the site administrator, aspects of the present invention still do not allow the administrator of the terminal to access other sensitive content inside the firewall by virtue of such illicit observation.

Please replace the paragraph beginning at line 109 (page 6) with the following:

The proxy 200 can comprise multiple machines communicating across the firewall 150. An alternate preferred embodiment of the proxy 200 is shown in further detail in Fig. 2. With reference to Fig. 2, proxy 200 is a computer with a central processing unit executing computer program instructions stored in memory (not shown), the computer program instructions providing the functionality of the internal and external components of the proxy 200. The ~~internal~~ external and ~~external~~ internal components are implemented as two daemons which the inventors have named "ABSENT" and "PUSHWEB", shown abstractly in Fig. 2 as 210 and 220 respectively. ABSENT 210 is a standalone blind proxy program that implements a control channel protocol described below to the PUSHWEB 220 server daemon. PUSHWEB 220 is a modified Web server that includes a handler for rewriting hyperlink addresses and a special authentication interface. For example, the inventors implemented PUSHWEB 220 by modifying a standard Apache web server to perform the following.

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